

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA
615 AM PDT WED SEP 1 2010

...A VERY COOL AUGUST CAPPED OFF ONE OF THE COOLEST METEOROLOGICAL SUMMERS ON RECORD IN COASTAL SOUTHERN CALIFORNIA...

AUGUST 2010 WAS ONE OF THE COOLEST ON RECORD ACROSS COASTAL SITES IN SOUTHWESTERN CALIFORNIA. DURING AUGUST...AND FOR MOST OF THIS PAST METEOROLOGICAL SUMMER (THE MONTHS OF JUNE...JULY AND AUGUST)...A PERSISTENT UPPER LEVEL TROUGH HAS BEEN LOCATED ALONG OR JUST OFF THE WEST COAST. THIS MAINTAINED A SIGNIFICANT MARINE INFLUENCE ACROSS MUCH OF COASTAL SOUTHWESTERN CALIFORNIA THROUGH THE SUMMER. IN ADDITION...OCEAN WATER TEMPERATURES WERE BELOW NORMAL...SO DAILY SEA BREEZES PROVIDED SIGNIFICANT COOLING NEAR THE IMMEDIATE COAST FOR MUCH OF THE SUMMER.

HERE IS HOW THE MONTH OF AUGUST AND THE SUMMER OF 2010 STACKED UP AT THREE COASTAL LOCATIONS...LOS ANGELES INTERNATIONAL AIRPORT...SANTA BARBARA AIRPORT...AND SANTA MARIA AIRPORT.

LOS ANGELES INTERNATIONAL AIRPORT

AT LOS ANGELES AIRPORT IN AUGUST...THE AVERAGE TEMPERATURE FOR THE MONTH WAS JUST 65.8 DEGREES...WHICH TIED AUGUST 1950 AS THE COOLEST AUGUST SINCE RECORDS BEGAN IN 1944. THE AVERAGE HIGH TEMPERATURE FOR THE MONTH WAS JUST 71.4 DEGREES...THE LOWEST AVERAGE DAILY HIGH FOR ANY AUGUST IN HISTORY...NEARLY 1 DEGREE LOWER THAN THE PREVIOUS RECORD OF 72.3 DEGREES SET IN 1950.

DAILY RECORD LOW MAXIMUM TEMPERATURES WERE SET OR TIED AT LOS ANGELES AIRPORT ON 16 DAYS IN THE MONTH OF AUGUST 2010.

FOR METEOROLOGICAL SUMMER 2010 AT LOS ANGELES AIRPORT...THE AVERAGE TEMPERATURE WAS 65.4 DEGREES...MAKING IT THE 2ND COOLEST SUMMER SINCE RECORDS BEGAN. THE COOLEST SUMMER WAS 1948...WHICH HAD AN AVERAGE TEMPERATURE OF 65.0 DEGREES. THE AVERAGE HIGH TEMPERATURE FOR THE SUMMER OF 2010 AT LOS ANGELES AIRPORT WAS 70.3 DEGREES...THE LOWEST ON RECORD...ECLIPSING THE 71.8 DEGREE AVERAGE HIGH DURING THE SUMMER OF 1987.

LOS ANGELES INTERNATIONAL AIRPORT

	AUGUST 2010	AUGUST NORMAL (1971-2000)	SUMMER 2010	SUMMER NORMAL (1971-2000)
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AVG MAX TEMP	71.4	76.8	70.3	74.9
AVG MIN TEMP	60.3	64.5	60.5	62.6
AVG TEMP	65.8	70.7	65.4	68.8

SANTA BARBARA AIRPORT

AT SANTA BARBARA AIRPORT...THE AVERAGE TEMPERATURE FOR THE MONTH OF AUGUST WAS 62.1 DEGREES...MAKING IT THE COOLEST AUGUST SINCE RECORDS BEGAN IN 1941. THE PREVIOUS RECORD WAS 62.4 DEGREES IN AUGUST 1950. THE AVERAGE HIGH TEMPERATURE FOR THE MONTH OF AUGUST AT SANTA

BARBARA AIRPORT WAS JUST 70.5 DEGREES...TIED WITH AUGUST 1950 AS THE LOWEST ON RECORD. THE AVERAGE LOW TEMPERATURE OF 53.6 DEGREES WAS TIED WITH AUGUST 1941 AS SECOND COOLEST ON RECORD.

IT WAS THE COOLEST METEOROLOGICAL SUMMER SINCE RECORDS BEGAN AT SANTA BARBARA AIRPORT IN 1941...WITH AN AVERAGE TEMPERATURE OF 61.9 DEGREES. THE PREVIOUS RECORD WAS 62.2 DEGREES SET IN THE SUMMER OF 1955. THE AVERAGE HIGH TEMPERATURE FOR THE SUMMER OF 2010 AT SANTA BARBARA AIRPORT WAS 69.3 DEGREES...THE LOWEST ON RECORD...BREAKING THE 70.8 DEGREE AVERAGE HIGH DURING THE SUMMERS OF 1950...1975 AND 2002.

SANTA BARBARA AIRPORT

	AUGUST 2010	AUGUST NORMAL (1941-2010)	SUMMER 2010	SUMMER NORMAL (1941-2010)
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AVG MAX TEMP	70.5	74.9	69.3	73.5
AVG MIN TEMP	53.6	57.3	54.5	55.9
AVG TEMP	62.1	66.1	61.9	64.7

SANTA MARIA AIRPORT

AT SANTA MARIA AIRPORT...THE AVERAGE TEMPERATURE FOR THE MONTH OF AUGUST WAS 61.0 DEGREES...MAKING IT THE 6TH COOLEST AUGUST ON RECORD SINCE 1906. THE AVERAGE HIGH TEMPERATURE OF 70.0 DEGREES WAS THE 5TH COOLEST ON RECORD.

FOR THE METEOROLOGICAL SUMMER AT SANTA MARIA AIRPORT...THE AVERAGE TEMPERATURE WAS 59.8 DEGREES...THE 3RD COOLEST ON RECORD...BEHIND 58.9 DEGREES IN THE SUMMER OF 1955 AND 59.7 DEGREES IN 1956. THE AVERAGE HIGH TEMPERATURE THIS SUMMER AT SANTA MARIA AIRPORT WAS 68.7 DEGREES...THE 2ND COOLEST ON RECORD. ONLY THE SUMMER OF 1955 HAD A LOWER AVERAGE HIGH TEMPERATURE...WITH 68.2 DEGREES.

SANTA MARIA AIRPORT

	AUGUST 2010	AUGUST NORMAL (1971-2000)	SUMMER 2010	SUMMER NORMAL
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AVG MAX TEMP	70.0	74.2	68.7	73.0
AVG MIN TEMP	52.1	54.2	50.8	52.6
AVG TEMP	61.0	64.2	59.8	62.8

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